

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Lee, et al.

Attorney Docket: TSM03-0587

Filed: Herewith

Examiner: TBD

Serial No.: TBD

Art Unit: TBD

For: Semiconductor Structure having a Strained Region and a Method of Fabricating Same

Mail Stop: Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

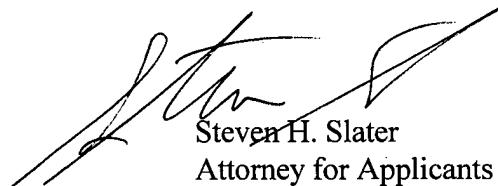
Dear Sir:

The Applicants wish to bring to the attention of the Patent and Trademark Office the information noted on the enclosed substitute for form 1449A/PTO that may be considered material to the examination of the above-identified application.

No fee is due at this time, as this Information Disclosure Statement is being filed concurrently with the patent application.

Cite numbers 1-15 are newly cited prior art being filed under the waived requirement of 37 CFR 1.98 (a)(2)(i) dated July 11, 2003, therefore, copies of these U.S. patents and publications are not included.

Respectfully submitted,



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September 8, 2003

Date

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Substitute for form 1449A/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	TSM03-0587
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
1	US-5,221,367		06-22-1993	Chisholm, et al.	
2	US-5,801,083		09-01-1998	Yu, et al.	
3	US-6,039,803		03-21-2000	Fitzgerald, et al.	
4	US-6,107,653		08-22-2000	Fitzgerald	
5	US-6,245,684		06-12-2001	Zhao, et al.	
6	US-6,291,321		09-18-2001	Fitzgerald	
7	US-6,429,061		08-06-2002	Rim	
8	US-6,503,773		01-07-2003	Fitzgerald	
9	US-6,509,232		01-21-2003	Kim, et al.	
10	US-6,518,644		02-11-2003	Fitzgerald	
11	US-6,544,860		04-08-2003	Singh	
12	US-6,579,768		06-17-2003	Thwaite, et al.	
13	US-6,597,026		07-22-2003	Ogura	
14	US-20030034529A1		02-20-2003	Fitzgerald, et al.	
15	US-20030049893A1		03-13-2003	Currie, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	16	SCHLUETER, J., "Trench Warfare: CMP and Shallow Trench Isolation," Semiconductor International, October 1999.	
	17	TARASCHI, G., "Strained Si-on-Insulator Development Accelerates," Compound Semiconductor, April 2003.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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